

U.S. NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

Public Scoping Meeting Calvert Cliffs Units 3 Combined License Application March 19, 2008

James Lyons, Director

Division of Site and Environmental Reviews

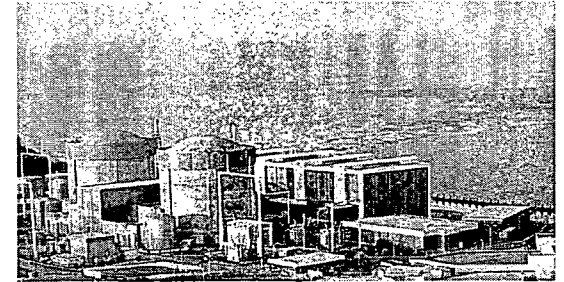
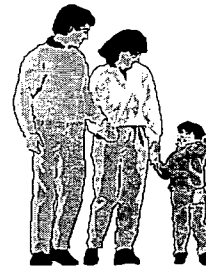
Thomas Fredrichs, Senior Project Manager

Division of Site and Environmental Reviews

Purposes of this meeting

- Solicit input to the environmental scoping process
- Explain what the NRC does during the review of a combined license application
- Describe how you can participate in the regulatory process

Participants in NRC Licensing Process



NRC

- Commissioners
- Staff members
- Hearing Boards
- Advisory Committee on Reactor Safeguards

Stakeholders

- Residents of the community
- Public interest groups
- Other federal agencies
- State entities
- Local officials
- Tribal officials and others

License Applicant

- Unistar Nuclear proposed Unit 3 at Calvert Cliffs



Combined License (COL)

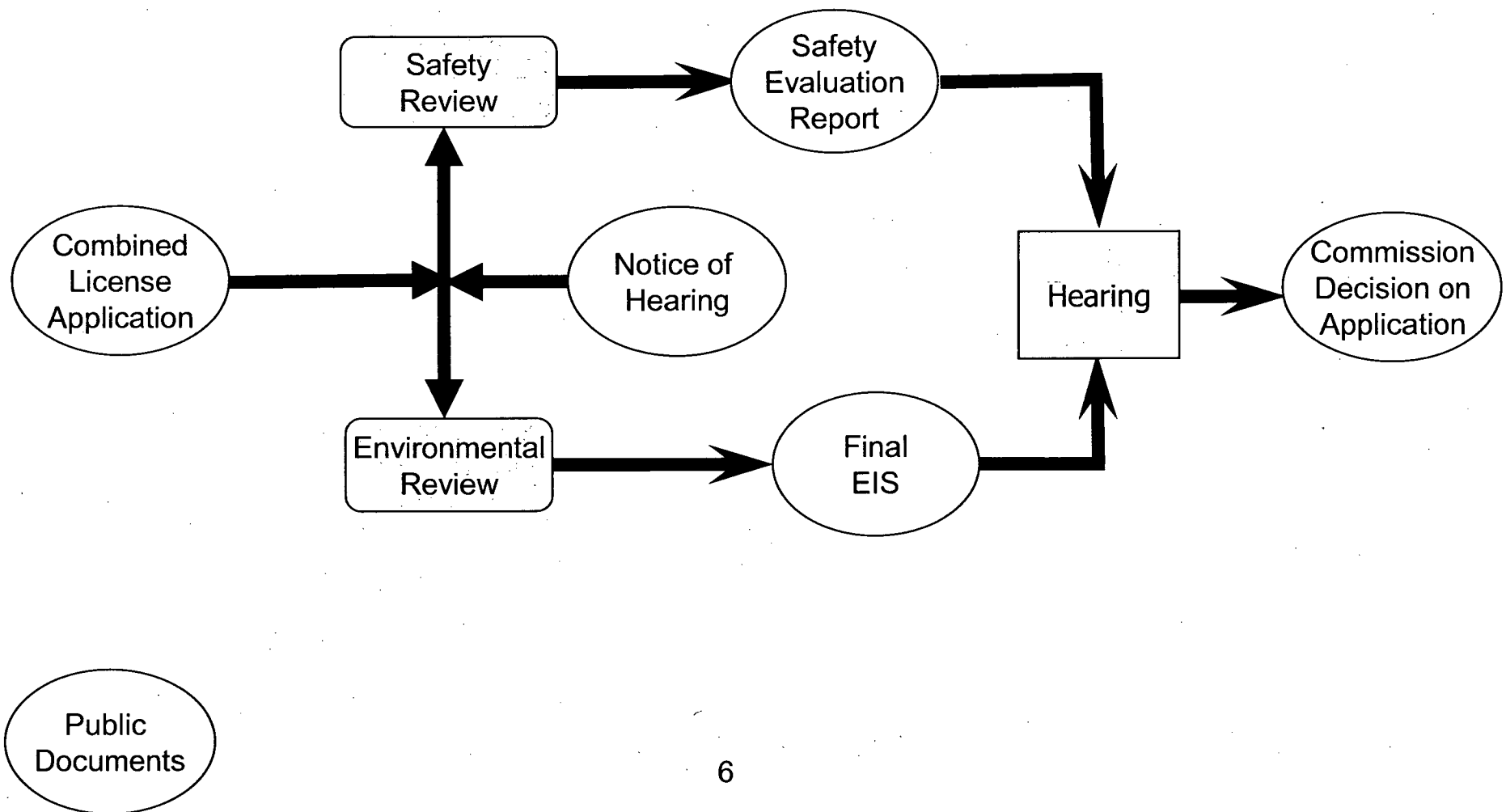
- What: Authorization from the NRC to construct and operate a nuclear power plant at a specific site
- Unistar submitted the Environmental Report (Part 1) of its application in July 2007
 - Supplemented with additional information
- Safety Analysis Report (Part 2) expected in March 2008
- COL for an Evolutionary Pressurized Reactor (EPR)
 - 2 units under construction in Europe



Reviews of Calvert Cliffs COL Application

- NRC will conduct three parallel reviews
- Generic review of the EPR design – “design certification”
- Site-specific safety review of the EPR design as located at Calvert Cliffs
- Environmental impacts of Unit 3 at Calvert Cliffs

Combined License Application Review Process



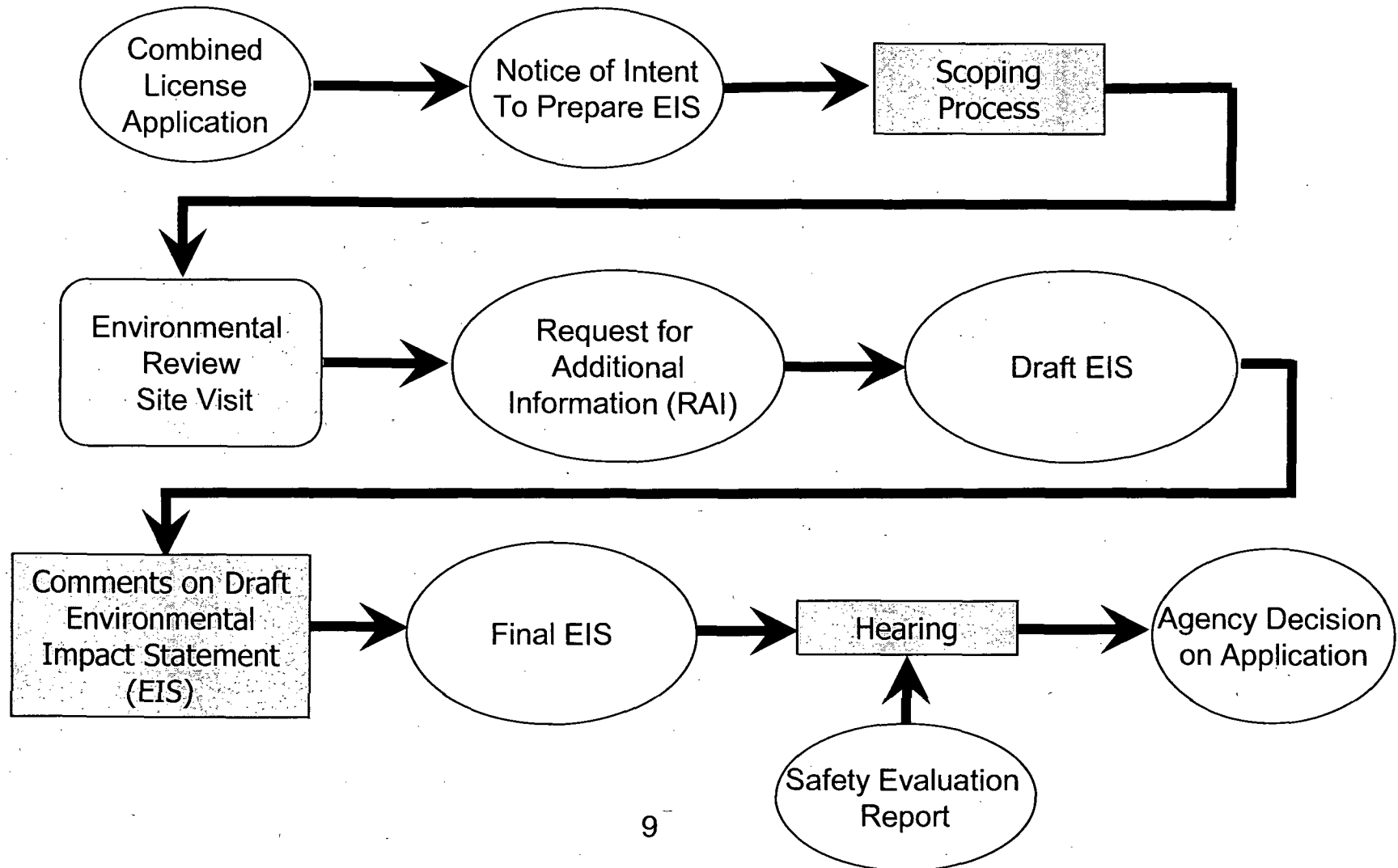
Safety Review

- Design of facility
- Site Suitability (safety)
- Means of construction
- Quality assurance
- Adequate physical security
- Emergency preparedness (FEMA)
- Operator Training

Environmental Review

- National Environmental Policy Act (NEPA) requires Federal agencies to use a systematic approach to consider environmental impacts
- Issuing a combined license is a major Federal action that requires an Environmental Impact Statement (EIS)
- Make informed decisions based on the facts and compliance with U.S. law and NRC regulations
- Clearly document our safety and environmental findings
- Follow established procedures that allow public participation
- Maintain an open and transparent review process

Environmental Review Process



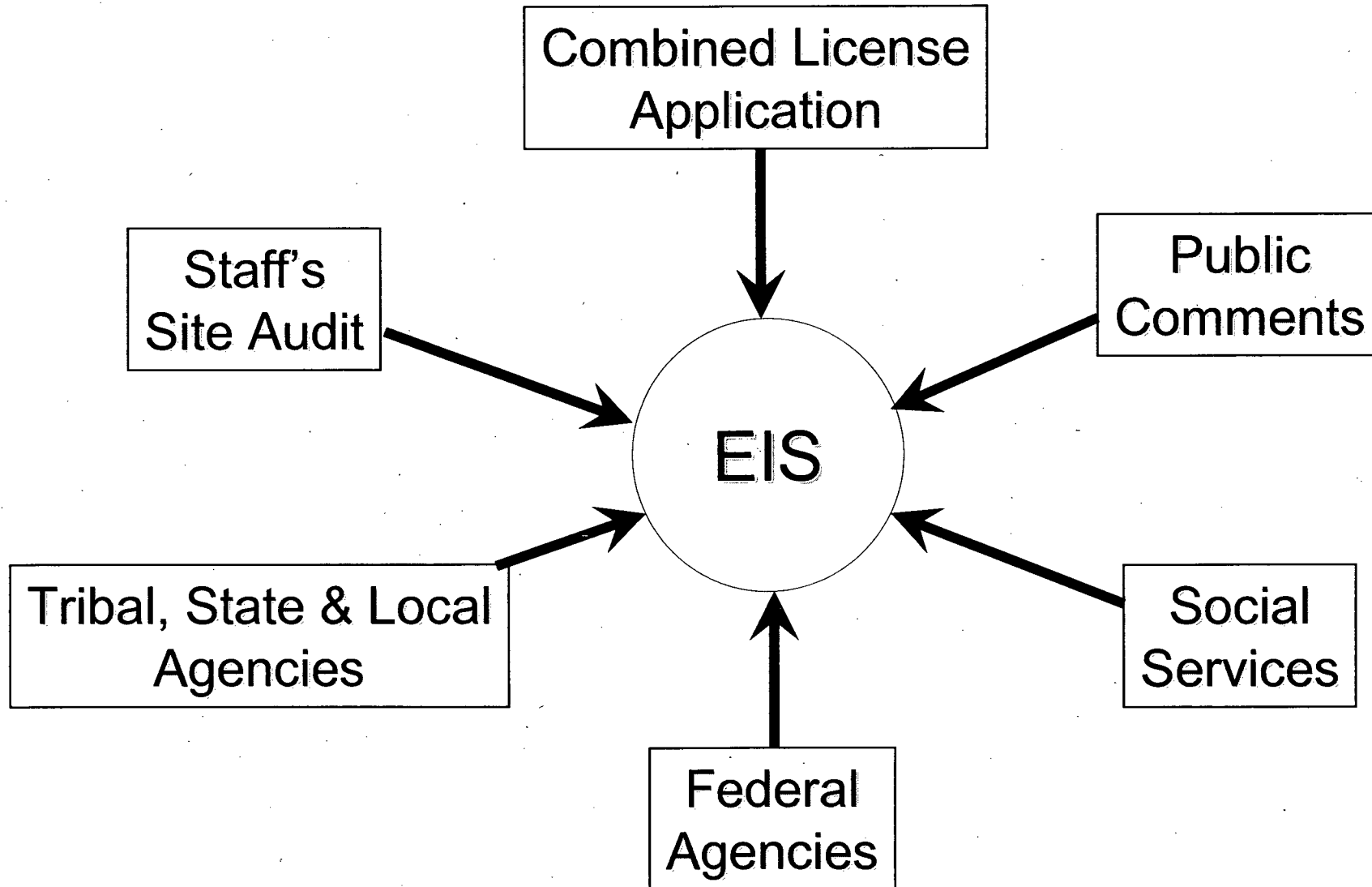
Public Involvement

- Public interaction during environmental review
 - Comment periods
 - Public meetings
 - Access to documents
 - Environmental Report and EIS in local library
- Hearing
 - Opportunity to request a hearing will be published after docketing Part 2 of the COL
 - 60 day deadline after publication to file request
 - Hearing covers both safety and environmental issues
- Calvert Cliffs web page: <http://www.nrc.gov/reactors/new-licensing/col/calvert-cliffs.html>

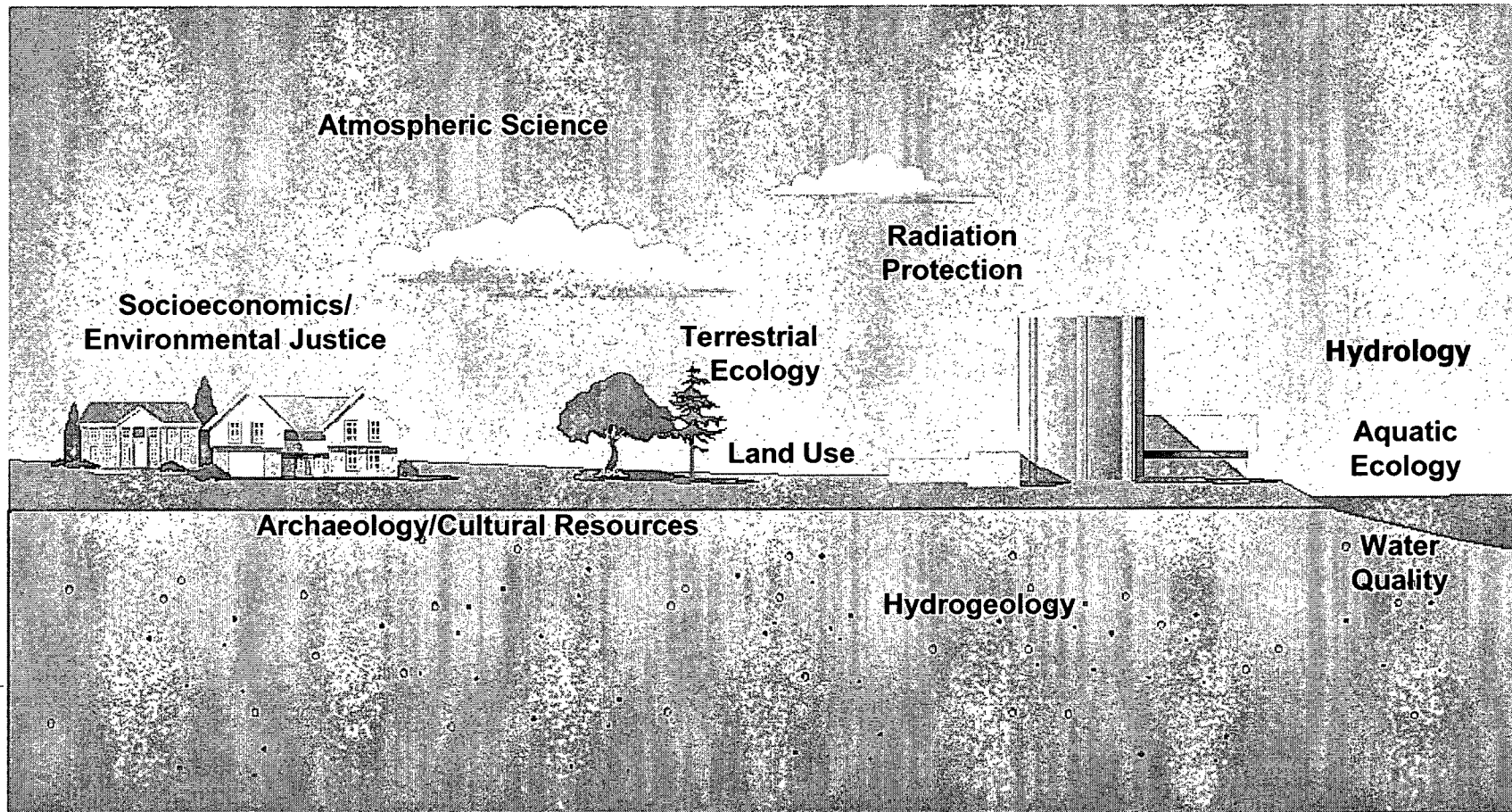
Environmental Scoping

- This process helps determine the scope of the review
- Comments during the scoping period can be provided through April 14, 2008
- Draft EIS will provide responses to comments received

Information Gathering



Environmental Review Team Expertise



Environmental Review Summary

- Evaluate environmental impacts of construction and operation
- Informed & systematic decision making
 - NUREG-1555, “Environmental Standard Review Plan” provides guidance for review
- Provide for public involvement
- Clearly document our safety and environmental findings
- Maintain an open and transparent review process

Current Status of Calvert Cliffs COL

- Part 1 of the application accepted for docketing on January 25, 2007
- Part 2 expected March 2008
- Safety review started for Part 1

Current Status

Environmental Review

- Review of the Environmental Report started
- Site environmental audit in progress
- Scoping period in progress
 - Notice of Intent published February 14, 2008
 - Comment period extends to April 14, 2008
- Draft environmental impact statement (EIS) expected in Spring 2009
- Final EIS in Spring 2010

Hearing

- Notice of opportunity to request a hearing will be published after Part 2 is docketed
 - Deadline to file request is 60 days after publication
- e-filing is required
 - Instructions are on NRC website and in the hearing notice
 - At least one business day to complete: don't wait to last day
- Hearing covers both safety and environmental issues

NRC Addresses

- Provide Comments
 - At this meeting: written comments can be provided today
 - By mail: Chief, Rules and Directives Branch
Division of Administrative Services
Mailstop T6-D59
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001
 - E-mail: CalvertCliffs.COLAEIS@nrc.gov
 - In person: 11545 Rockville Pike
Rockville, Maryland 20852

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